Jaerang Rho

List of Publications by Year
in descending order

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56 papers	5,223 citations	201674 27 h-index	144013 57 g-index
59 all docs	59 docs citations	59 times ranked	6068 citing authors

#	Article	IF	Citations
1	Butylparaben Induces the Neuronal Death Through the ER Stress-Mediated Apoptosis of Primary Cortical Neurons. Neurotoxicity Research, 2022, 40, 36-43.	2.7	6
2	Bisphenol-A impairs synaptic formation and function by RGS4-mediated regulation of BDNF signaling in the cerebral cortex. DMM Disease Models and Mechanisms, 2022, 15, .	2.4	6
3	Engineered Recombinant PON1-OPH Fusion Hybrids: Potentially Effective Catalytic Bioscavengers against Organophosphorus Nerve Agent Analogs. Journal of Microbiology and Biotechnology, 2021, 31, 144-153.	2.1	2
4	Pax5 Negatively Regulates Osteoclastogenesis through Downregulation of Blimp1. International Journal of Molecular Sciences, 2021, 22, 2097.	4.1	7
5	Regulation of Osteoblast Differentiation by Cytokine Networks. International Journal of Molecular Sciences, 2021, 22, 2851.	4.1	144
6	Selenoprotein W ensures physiological bone remodeling by preventing hyperactivity of osteoclasts. Nature Communications, 2021, 12, 2258.	12.8	28
7	Maternal Bisphenol A (BPA) Exposure Alters Cerebral Cortical Morphogenesis and Synaptic Function in Mice. Cerebral Cortex, 2021, 31, 5598-5612.	2.9	11
8	T-Cell Death-Associated Gene 51 Is a Novel Negative Regulator of PPARÎ³ That Inhibits PPARÎ³-RXRÎ± Heterodimer Formation in Adipogenesis. Molecules and Cells, 2021, 44, 1-12.	2.6	11
9	TDAG51 is a crucial regulator of maternal care and depressive-like behavior after parturition. PLoS Genetics, 2019, 15, e1008214.	3.5	12
10	3,5-Di-C-Î²-D-glucopyranosyl phloroacetophenone, a major component of Melicope ptelefolia, suppresses fibroblast activation and alleviates arthritis in a mouse model: Potential therapeutics for rheumatoid arthritis. International Journal of Molecular Medicine, 2018, 42, 2763-2775.	4.0	4
11	Regulation of Osteoclast Differentiation by Cytokine Networks. Immune Network, 2018, 18, e8.	3.6	322
12	Porcine amino peptidase N domain VII has critical role in binding and entry of porcine epidemic diarrhea virus. Virus Research, 2017, 227, 150-157.	2.2	13
13	Expression and purification of biologically active recombinant human paraoxonase 1 from a Drosophila S2 stable cell line. Protein Expression and Purification, 2017, 131, 34-41.	1.3	8
14	Generation of an osteoblast-based artificial niche that supports in vitro B lymphopoiesis. Experimental and Molecular Medicine, 2017, 49, e400-e400.	7.7	4
15	Improved Hydrolysis of Organophosphorus Compounds by Engineered Human Prolidases. Protein and Peptide Letters, 2017, 24, 617-625.	0.9	7
16	Selective Regulation of MAPK Signaling Mediates RANKL-dependent Osteoclast Differentiation. International Journal of Biological Sciences, 2016, 12, 235-245.	6.4	128
17	Interaction of Tumor Necrosis Factor Receptor-associated Factor 6 (TRAF6) and Vav3 in the Receptor Activator of Nuclear Factor Î¹B (RANK) Signaling Complex Enhances Osteoclastogenesis. Journal of Biological Chemistry, 2016, 291, 20643-20660.	3.4	19
18	An enzymatically fortified ginseng extract inhibits proliferation and induces apoptosis of KATO3 human gastric cancer cells via modulation of Bax, mTOR, PKB and Il¹BÎ±. Molecular Medicine Reports, 2015, 11, 670-676.	2.4	12

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19	Bone Loss Triggered by the Cytokine Network in Inflammatory Autoimmune Diseases. Journal of Immunology Research, 2015, 2015, 1-12.	2.2	113
20	Development of transgenic mouse model expressing porcine aminopeptidase N and its susceptibility to porcine epidemic diarrhea virus. Virus Research, 2015, 197, 108-115.	2.2	21
21	Tumor Necrosis Factor (TNF) Receptor-associated Factor (TRAF)-interacting Protein (TRIP) Negatively Regulates the TRAF2 Ubiquitin-dependent Pathway by Suppressing the TRAF2-Sphingosine 1-Phosphate (S1P) Interaction. Journal of Biological Chemistry, 2015, 290, 9660-9673.	3.4	49
22	Agelasine D Suppresses RANKL-Induced Osteoclastogenesis via Down-Regulation of c-Fos, NFATc1 and NF-Î¹B. Marine Drugs, 2014, 12, 5643-5656.	4.6	17
23	Secretion of a Truncated Osteopetrosis-associated Transmembrane Protein 1 (OSTM1) Mutant Inhibits Osteoclastogenesis through Down-regulation of the B Lymphocyte-induced Maturation Protein 1 (BLIMP1)-Nuclear Factor of Activated T Cells c1 (NFATc1) Axis. Journal of Biological Chemistry, 2014, 289, 35868-35881.	3.4	24
24	TDAG51 deficiency promotes oxidative stress-induced apoptosis through the generation of reactive oxygen species in mouse embryonic fibroblasts. Experimental and Molecular Medicine, 2013, 45, e35-e35.	7.7	30
25	Deficiency of TDAG51 Protects Against Atherosclerosis by Modulating Apoptosis, Cholesterol Efflux, and Peroxiredoxinâ€1 Expression. Journal of the American Heart Association, 2013, 2, e000134.	3.7	27
26	Receptor activator of nuclear factor-Î¹B ligand is a novel inducer of myocardial inflammation. Cardiovascular Research, 2012, 94, 105-114.	3.8	48
27	Antibiotic resistance profile of bacterial isolates from animal farming aquatic environments and meats in a peri-urban community in Daejeon, Korea. Journal of Environmental Monitoring, 2012, 14, 1616.	2.1	14
28	D-chiro-inositol Negatively Regulates the Formation of Multinucleated Osteoclasts by Down-Regulating NFATc1. Journal of Clinical Immunology, 2012, 32, 1360-1371.	3.8	15
29	Magnetic resonance imaging of superparamagnetic iron oxide-labeled macrophage infiltrates in acute-phase renal ischemia-reperfusion mouse model. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 365-373.	3.3	14
30	Direct Monitoring of the Inhibition of Proteinâ€"Protein Interactions in Cells by Translocation of PKCÎ´ Fusion Proteins. Angewandte Chemie - International Edition, 2011, 50, 1314-1317.	13.8	22
31	OSCAR is a collagen receptor that costimulates osteoclastogenesis in DAP12-deficient humans and mice. Journal of Clinical Investigation, 2011, 121, 3505-3516.	8.2	177
32	Receptor Activator of Nuclear Factor Î¹B Ligand Is a Novel Inducer of Tissue Factor in Macrophages. Circulation Research, 2010, 107, 871-876.	4.5	19
33	Protein arginine methyltransferase 1 regulates herpes simplex virus replication through ICP27 RGG-box methylation. Biochemical and Biophysical Research Communications, 2010, 391, 322-328.	2.1	21
34	ATP6v0d2 deficiency increases bone mass, but does not influence ovariectomy-induced bone loss. Biochemical and Biophysical Research Communications, 2010, 403, 73-78.	2.1	24
35	Role of apoptosisâ€regulating signal kinase 1 in innate immune responses by Mycobacterium bovis bacillus Calmetteâ€GuÃ©rin. Immunology and Cell Biology, 2009, 87, 100-107.	2.3	31
36	NHE10, a novel osteoclast-specific member of the Na+/H+ exchanger family, regulates osteoclast differentiation and survival. Biochemical and Biophysical Research Communications, 2008, 369, 320-326.	2.1	88

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37	Receptor activator of nuclear factor (NF)â€“ÎºB ligand (RANKL) increases vascular permeability: impaired permeability and angiogenesis in eNOS-deficient mice. Blood, 2007, 109, 1495-1502.	1.4	100
38	Arginine methylation of Sam68 and SLM proteins negatively regulates their poly(U) RNA binding activity. Archives of Biochemistry and Biophysics, 2007, 466, 49-57.	3.0	41
39	Early embryonic lethality caused by targeted disruption of the TRAF-interacting protein (TRIP) gene. Biochemical and Biophysical Research Communications, 2007, 363, 971-977.	2.1	42
40	OSTEOIMMUNOLOGY: Interplay Between the Immune System and Bone Metabolism. Annual Review of Immunology, 2006, 24, 33-63.	21.8	591
41	v-ATPase V0 subunit d2â€“deficient mice exhibit impaired osteoclast fusion and increased bone formation. Nature Medicine, 2006, 12, 1403-1409.	30.7	502
42	A novel HSF1-mediated death pathway that is suppressed by heat shock proteins. EMBO Journal, 2006, 25, 4773-4783.	7.8	108
43	TNF-Related Activation-Induced Cytokine Enhances Leukocyte Adhesiveness: Induction of ICAM-1 and VCAM-1 via TNF Receptor-Associated Factor and Protein Kinase C-Dependent NF-ÎºB Activation in Endothelial Cells. Journal of Immunology, 2005, 175, 531-540.	0.8	169
44	Osteoimmunology: interactions of the immune and skeletal systems. Molecules and Cells, 2004, 17, 1-9.	2.6	108
45	Microphthalmia Transcription Factor and PU.1 Synergistically Induce the Leukocyte Receptor Osteoclast-associated Receptor Gene Expression. Journal of Biological Chemistry, 2003, 278, 24209-24216.	3.4	86
46	Stimulation by Toll-Like Receptors Inhibits Osteoclast Differentiation. Journal of Immunology, 2002, 169, 1516-1523.	0.8	216
47	A Novel Member of the Leukocyte Receptor Complex Regulates Osteoclast Differentiation. Journal of Experimental Medicine, 2002, 195, 201-209.	8.5	250
48	Gene Expression Profiling of Osteoclast Differentiation by Combined Suppression Subtractive Hybridization (SSH) and cDNA Microarray Analysis. DNA and Cell Biology, 2002, 21, 541-549.	1.9	63
49	The Arginine-1493 Residue in QRRGRTGR1493G Motif IV of the Hepatitis C Virus NS3 Helicase Domain Is Essential for NS3 Protein Methylation by the Protein Arginine Methyltransferase 1. Journal of Virology, 2001, 75, 8031-8044.	3.4	54
50	TDAG51 Is Not Essential for Fas/CD95 Regulation and Apoptosis In Vivo. Molecular and Cellular Biology, 2001, 21, 8365-8370.	2.3	42
51	PRMT5, Which Forms Distinct Homo-oligomers, Is a Member of the Protein-arginine Methyltransferase Family. Journal of Biological Chemistry, 2001, 276, 11393-11401.	3.4	121
52	Regulation of Peripheral Lymph Node Genesis by the Tumor Necrosis Factor Family Member Trance. Journal of Experimental Medicine, 2000, 192, 1467-1478.	8.5	249
53	TRANCE Is a Novel Ligand of the Tumor Necrosis Factor Receptor Family That Activates c-Jun N-terminal Kinase in T Cells. Journal of Biological Chemistry, 1997, 272, 25190-25194.	3.4	943
54	Identification of cis-regulatory elements in the upstream regulatory region of human papillomavirus type 59. Virus Research, 1997, 47, 155-166.	2.2	3

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55	Transforming activities of human papillomavirus type 59 E5, E6 and E7 open reading frames in mouse C127 cells. Virus Research, 1996, 44, 57-65.	2.2	7
56	Nucleotide Sequence and Phylogenetic Classification of Human Papillomavirus Type 59. Virology, 1994, 203, 158-161.	2.4	28